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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))

Attorney Docket No. M61.12-0325

First Inventor or Application Identifier Li Deng et al.

Title METHOD OF NOISE REDUCTION USING CORRECTION
AND SCALING VECTORS WITH PARTITIONING OF THE
ACOUSTIC SPACE IN THE DOMAIN OF NOISY SPEECH

Express Mail Label No. EL636048324US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

Address To: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☐ *Fee Transmittal Form e.g., PTO/SB17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Sheets **38**]
(preferred arrangement set forth below)
- Descriptive title of the Invention)
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention

5. ☐ Microfiche Computer Program (Appendix)
6. ☐ Nucleotide and/or Amino Acid Sequence Submission
(If applicable, all necessary)
- a. ☐ Computer Readable Copy
- b. ☐ Paper Copy (Identical to computer copy)
- c. ☐ Statement verifying identity of above copies

- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

☒ Drawing(s) (35 U.S.C. § 113) [Total Sheets **6**]

Oath or Declaration [Total Sheets **3**]

- a. ☒ Newly unexecuted (original or copy)
- b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)

- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application,
see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

* NOTE FOR ITEMS 1 & 13: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney
(when there is an assignee)
9. ☐ English Translation Document
10. ☐ Information Disclosure Statement (IDS/PTO – PTO) ☐ Copies of IDS
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)
13. ☐ *Small Entity ☐ Statement filed in prior application.
Statement(s) Status still proper and desired
(PTO/SB/09-12)
14. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
15. ☐ Other: _____

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation –in part (CIP)

of prior application No: _____

Prior application information:

Examiner _____

Group/Art Unit: _____

FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

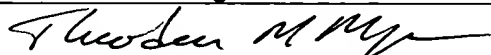
17. CORRESPONDENCE

☐ Customer Number or Bar Code Label

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or ☒ Correspondence address below

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October 16, 2000

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PATENT AGENT

Express Mailing No. : EL636048324US

Assistant Commissioner for Patents
Washington, D.C. 20231

Re: New U.S. Patent Application of:

Applicant : Li Deng et al.
For : METHOD OF NOISE REDUCTION USING
CORRECTION AND SCALING VECTORS WITH
PARTITIONING OF THE ACOUSTIC SPACE IN
THE DOMAIN OF NOISY SPEECH

Our File : M61.12-0325

Dear Sir:

Enclosed for filing are the following papers in connection with the above-identified patent application:

1. Complete specification and claims.
26 pages Specification
11 pages claims
1 page Abstract
2. Unexecuted Combined Declaration and Power of Attorney
(3 pages).
3. 6 sheets of drawings.

The filing fee is not enclosed with this communication. Pursuant to 35 USC § 111 and 37 CFR §§ 1.53(b) and 1.53(f), the filing fee, executed Declaration and executed Verified Statement Claiming Small Entity Status (if applicable) will be filed separately.

A filing date under 37 CFR §§ 1.10(b) and 1.53(b) of October 16, 2000 is respectfully requested. The enclosed materials are being sent "Express Mail Post Office to Addressee" as of the date of this letter.

Yours very truly,

Theodore M. Magee
Theodore M. Magee
Reg. No. 39,758

TMM:ajm
Enc.

